Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_

**Comparing Mitosis and Meiosis Assignment**

PreAP Biology, Mrs. Krouse

1. Fill in the chart given below to compare mitosis and meiosis.

|  |  |  |
| --- | --- | --- |
|  | **Mitosis** | **Meiosis** |
| How many times does the parent cell divide? |  |  |
| How many daughter cells are produced? |  |  |
| Are the daughter cells haploid or diploid? |  |  |
| Are the daughter cells body cells (aka somatic cells) or sex cells (aka gametes)? |  |  |
| Are the daughter cells identical to each other and the parent cell? (Yes or No) |  |  |
| Is this process used for asexual reproduction and growth OR sexual reproduction? |  |  |

1. Use the images on the next page to describe the differences between mitosis and meiosis I.
2. Use the images on the next page to describe the similarities between mitosis and meiosis II.



